Setting the scene: Health Jobs and the Impact of COVID-19
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Jobs Queensland

Jobs
Queensland

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Future skills needs

Workforce planning & development

Apprenticeship & Traineeship system

Our work brings together industry, regions, employers and the community to advise Government on the skills that will be needed into the future.
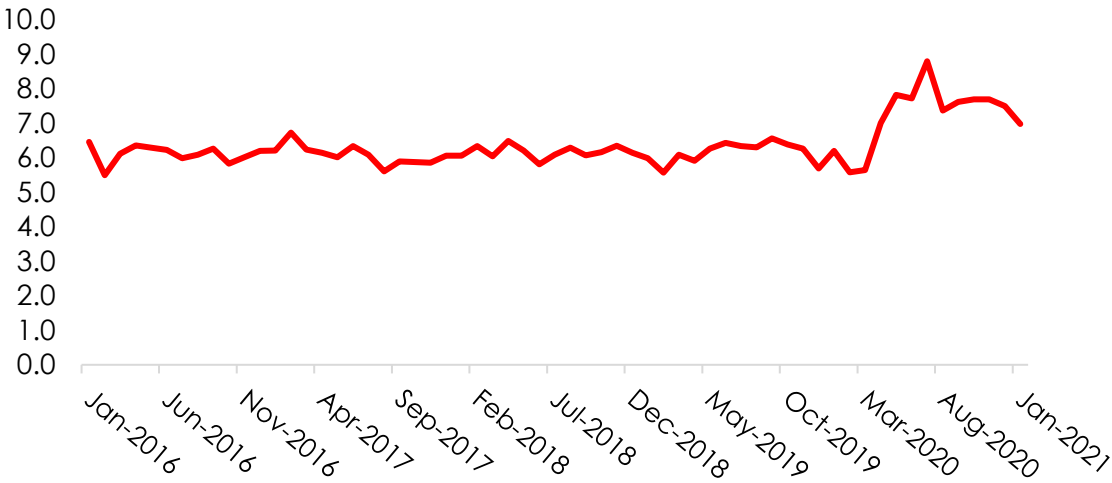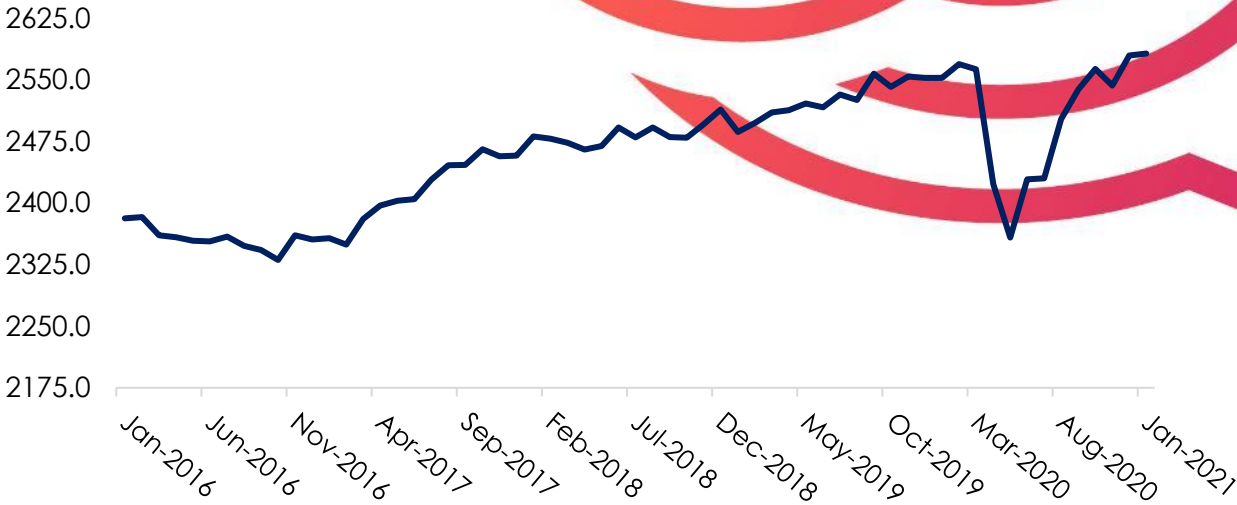
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COVID-19 and the Labour Market

Queensland's labour force – Jan 2021

	Labour force status	Change over month
Employed people	2,582,200	0.1%
Unemployed people	193,806	-7.2%
Unemployment rate	7.0%	-0.5 pts
Underemployment rate	8.6%	0.1 pts
Participation rate	66.3%	-0.4 pts

No of people employed ('000s)

Unemployment rate (Qld)

No of people unemployed ('000s)

— Persons — Males — Females

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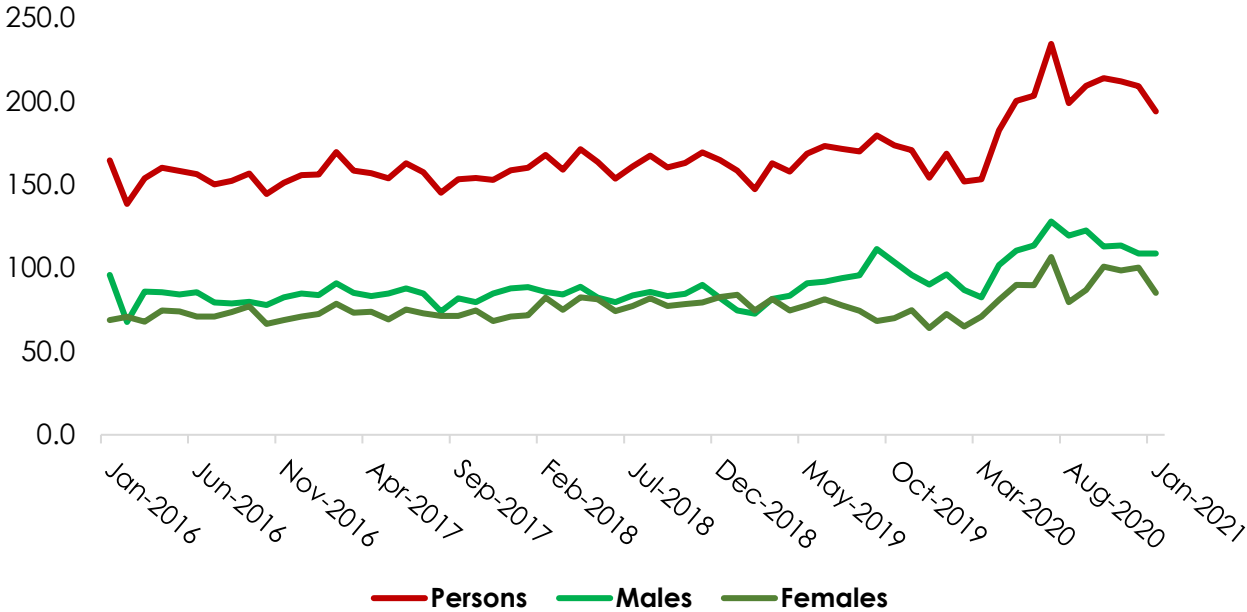
The effect on industries

Industries	Employment ('000s) Nov 2020	Change in Payroll Jobs Dec 2020
Agriculture, Forestry and Fishing	15.8	-4.2
Financial and Insurance Services	12.1	4.5
Public Administration and Safety	5.6	3.8
Mining	3.6	-5.1
Wholesale Trade	2.9	-1.7
Education and Training	1.4	-11.1
Rental, Hiring and Real Estate Services	1.2	-1.3
Manufacturing	0.8	-5.6
Professional, Scientific and Technical Services	0.6	-2.6
Health Care and Social Assistance	0.4	-1.2
Retail Trade	-2.3	2.3
Electricity, Gas, Water and Waste Services	-3.8	-1.2
Construction	-4.6	-3.4
Transport, Postal and Warehousing	-6.0	-6.2
Information Media and Telecommunications	-7.5	-11.6
Other Services	-10.8	-4.5
Administrative and Support Services	-12.6	-2.6
Accommodation and Food Services	-13.7	-10.3
Arts and Recreation Services	-17.2	-4.7

Anticipating Future Skills

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Why AFS?

- Economic modelling based on Queensland Government Budget and other economic and industry data
- Includes Baseline and 3 scenarios: Technological Change, Changing Workforce and External Impact
- Projections available for occupations, industries, regions and qualifications.

A Agriculture, Forestry and Fishing
- 01 Agriculture
- 017 Dairy Farming

4 Community and Personal Service Workers
- 45 Sports and Personal Service Workers
- 451 Personal Service and Travel Workers
- 4514 Gallery, Museum and Tour Guides

08 Management and Commerce
- 0805 Sales and Marketing
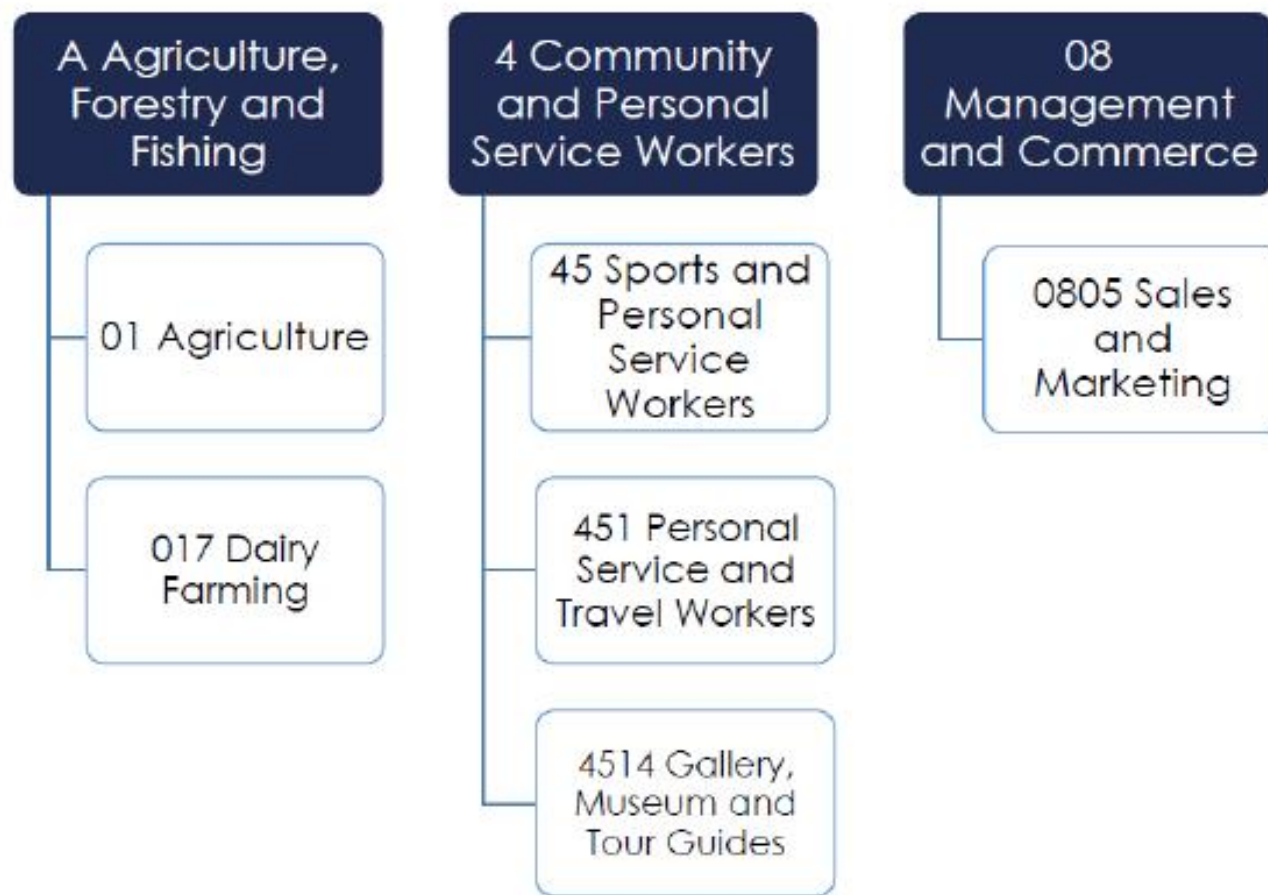
Industry data (ANZSIC)
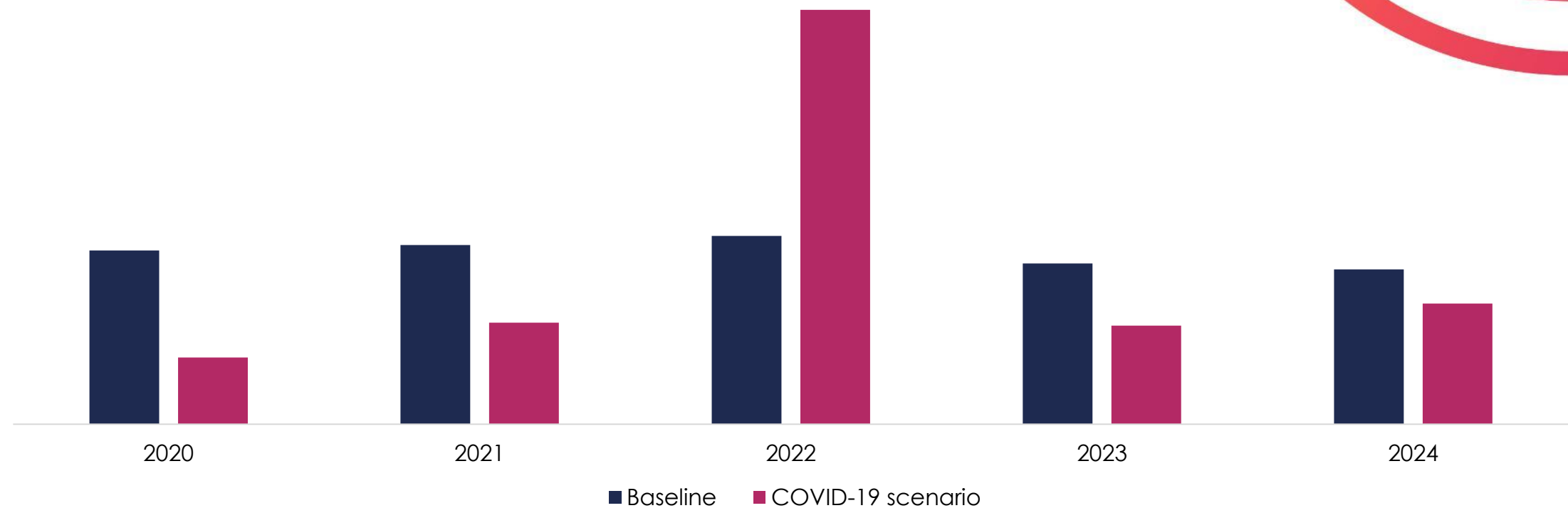- 214 Industry Groups

Occupation data (ANZSCO)
- 358 Occupation Unit Groups

Education data (ASCED)
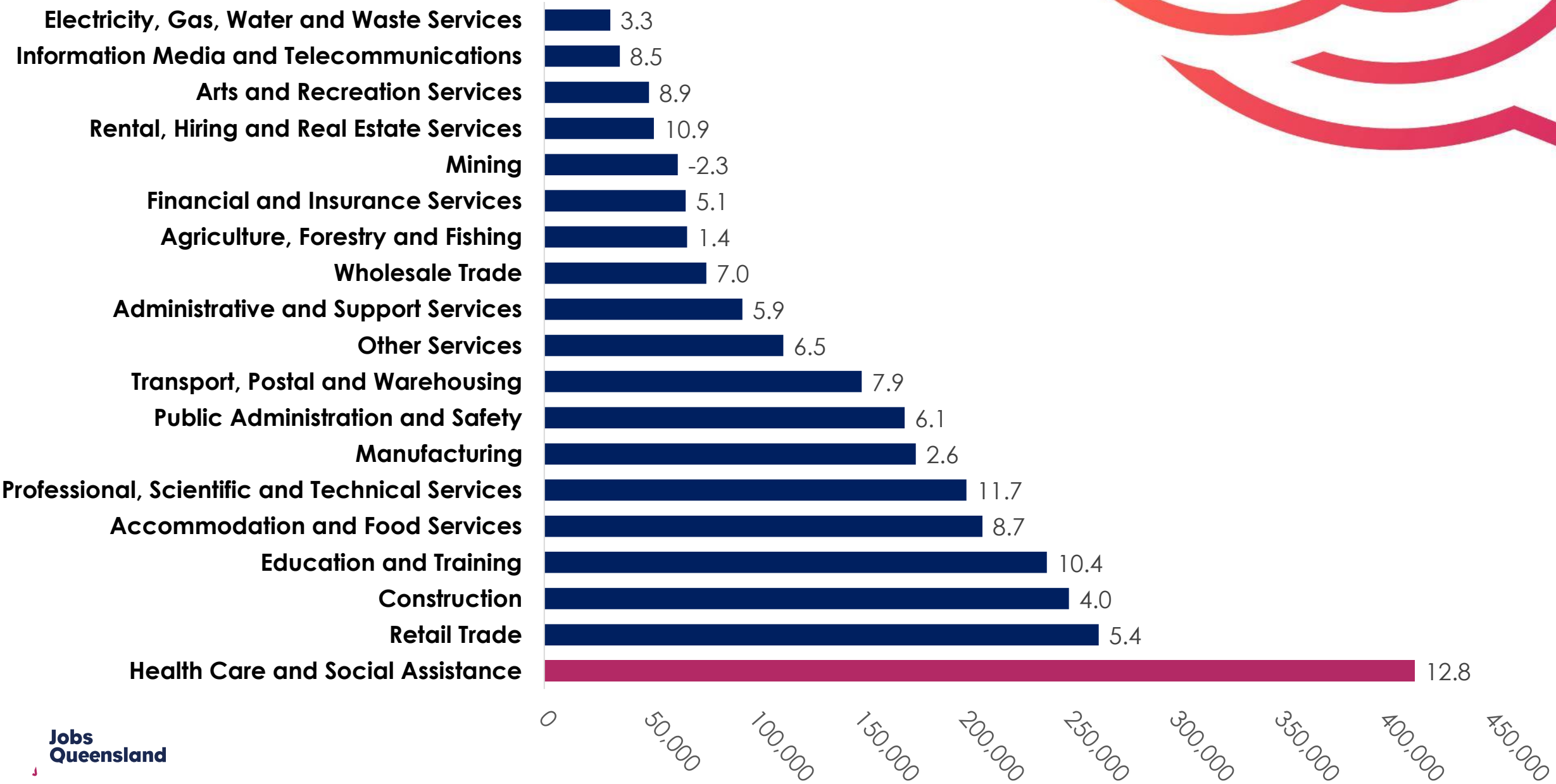- 6 Levels of Education (e.g. Bachelor degree)
- 67 Fields of Education

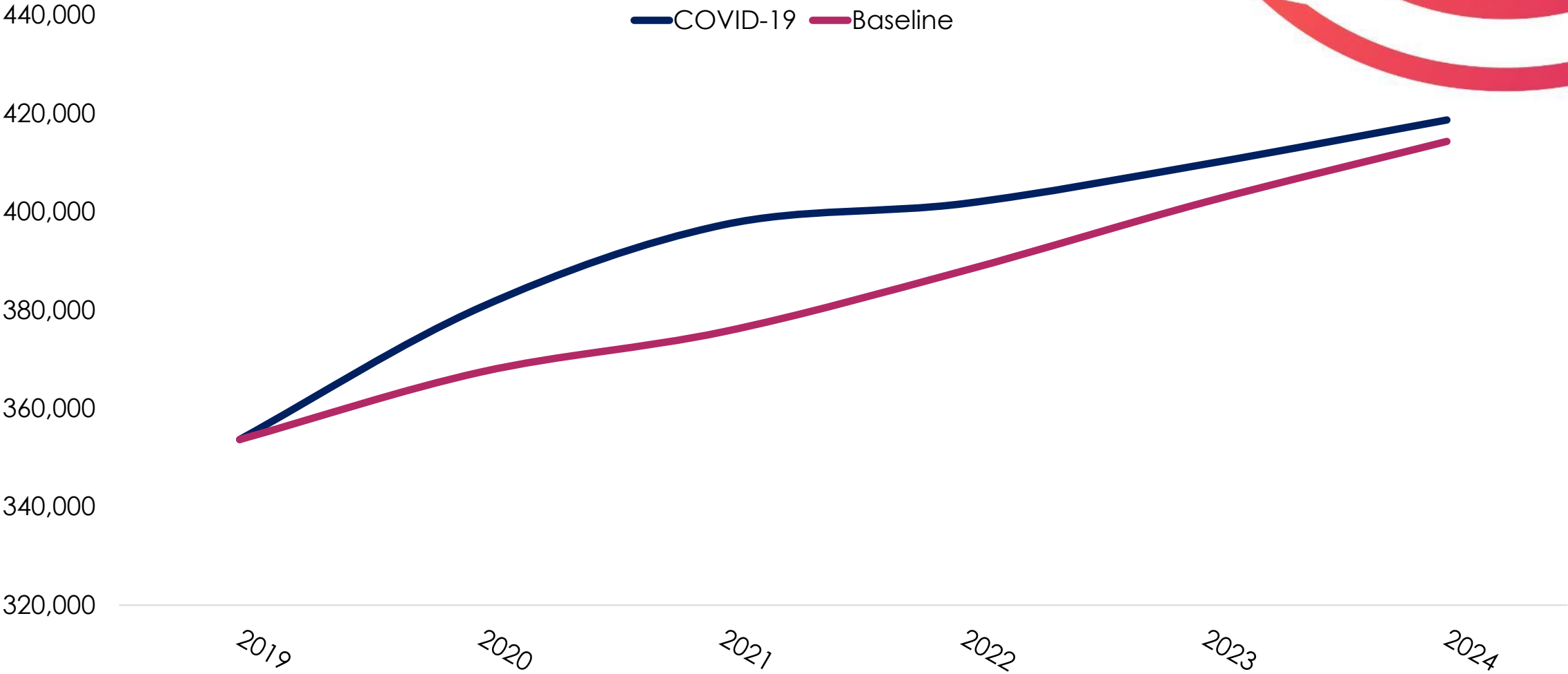# Employment and growth (%), 2020 to 2024

Baseline ■ COVID-19 scenario ■

**Baseline**: 2,728,883   **COVID-19 scenario:** 2,712,195

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Industry employment and growth (%), 2020 to 2024

Industry	Growth (%)
Electricity, Gas, Water and Waste Services	3.3
Information Media and Telecommunications	8.5
Arts and Recreation Services	8.9
Rental, Hiring and Real Estate Services	10.9
Mining	-2.3
Financial and Insurance Services	5.1
Agriculture, Forestry and Fishing	1.4
Wholesale Trade	7.0
Administrative and Support Services	5.9
Other Services	6.5
Transport, Postal and Warehousing	7.9
Public Administration and Safety	6.1
Manufacturing	2.6
Professional, Scientific and Technical Services	11.7
Accommodation and Food Services	8.7
Education and Training	10.4
Construction	4.0
Retail Trade	5.4
Health Care and Social Assistance	12.8

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Employment in Health Care and Social Assistance, 2019 to 2024
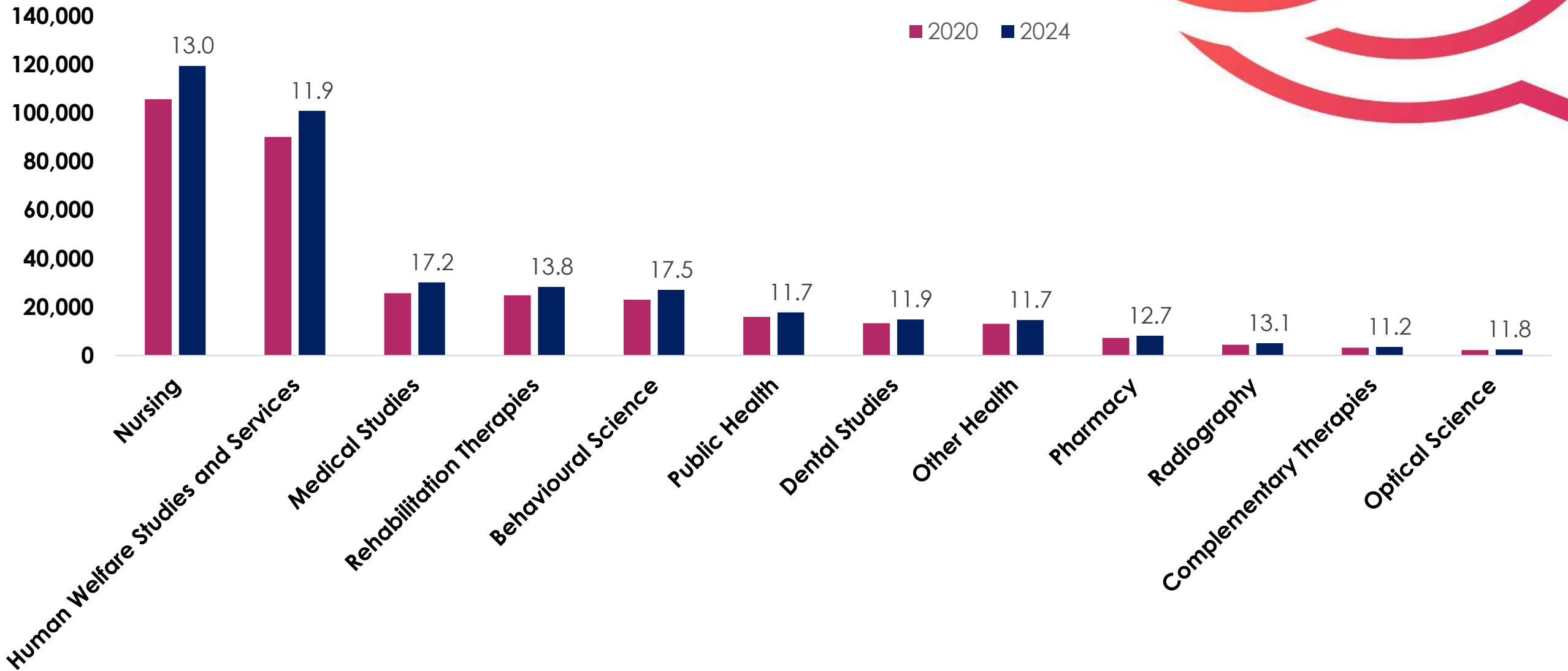

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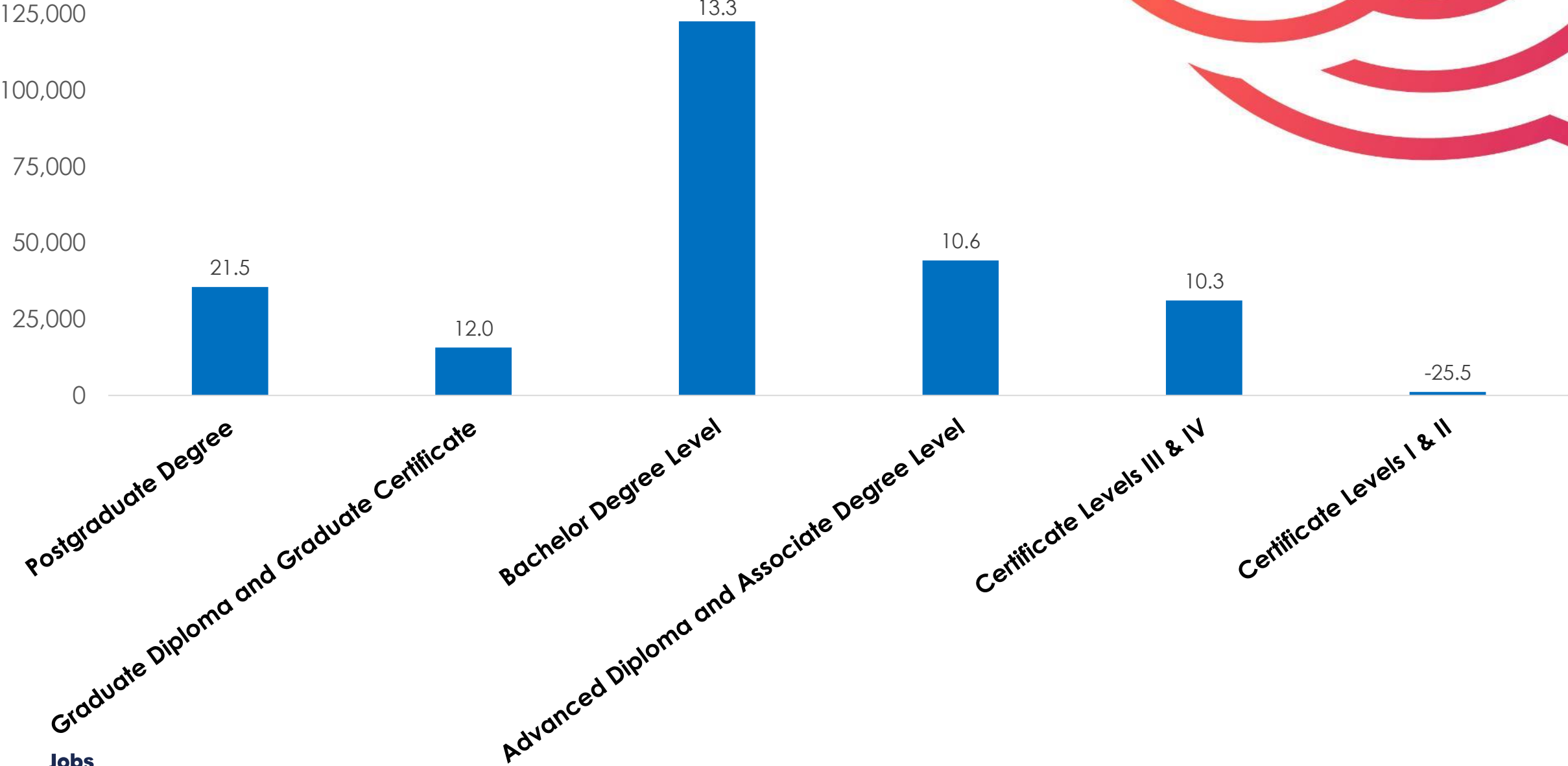# Employment and growth – industry groups, 2020 to 2024
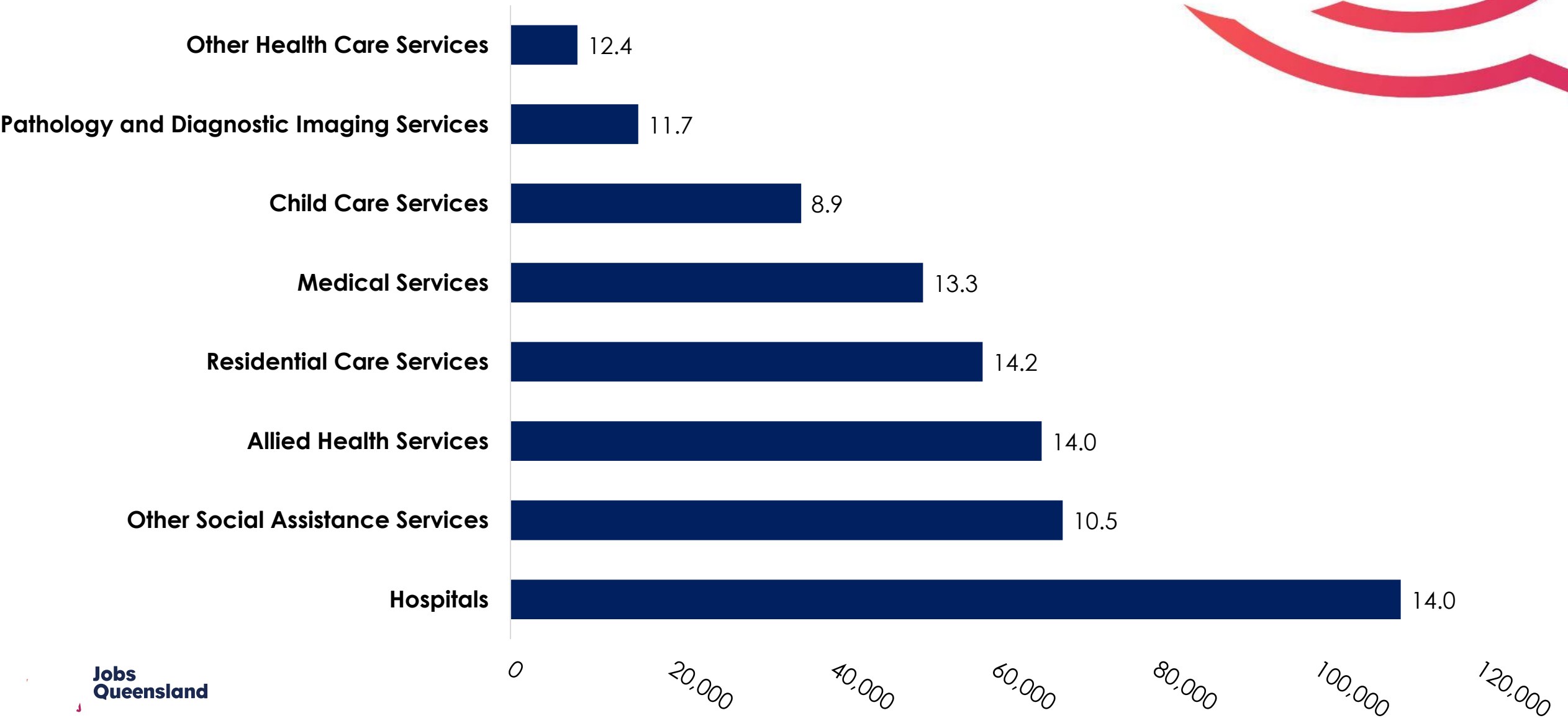
Employment in health-related occupations by 2024

Occupation	Employed in 2024	Change - 2020 to 2024 (%)	Occupation	Employed in 2024	Change - 2020 to 2024 (%)
Registered Nurses	73,093	13.9	Ambulance Officers & Paramedics	4,603	10.8
Aged & Disabled Carers	46,249	12.2	Occupational Therapists	4,007	15.1
Nursing Support & Personal Care Workers	24,861	14.5	Dental Practitioners	3,794	16.4
General Practitioners & Resident Medical Officers	17,106	17.3	Social Professionals	3,034	16.4
Welfare Support Workers	13,516	6.4	Audiologists & Speech Pathologists \ Therapists	2,596	15.0
Dental Assistants	8,764	15.0	Specialist Physicians	2,182	17.2
Psychologists	8,261	18.9	Other Health Diagnostic & Promotion Professionals	2,109	13.9
Social Workers	8,005	16.5	Nurse Educators & Researchers	2,027	13.4
Medical Technician	6,891	6.9	Dental Hygienists, Technicians & Therapists	1,933	11.3
Physiotherapists	6,821	16.2	Surgeons	1,857	17.4
Medical Laboratory Scientists	6,256	13.1	Optometrists & Orthoptists	1,813	16.3
Enrolled & Mothercraft Nurses	6,128	10.5	Nutrition Professionals	1,796	15.4
Practice Managers	6,113	10.6	Complementary Health Therapists	1,762	16.1
Occupational & Environmental Health Professionals	6,105	9.2	Chiropractors & Osteopaths	1,359	16.6
Pharmacists	5,381	12.1	Podiatrists	1,284	16.3
Other Medical Practitioners	5,081	17.3	Diversional Therapists	1,219	10.1
Medical Imaging Professionals	5,055	16.4	Anaesthetists	1,092	17.3
Midwives	5,013	14.1	Psychiatrists	884	16.8
Massage Therapists	4,999	10.6	Special Care Workers	766	10.9
Health & Welfare Services Managers	4,882	14.7	Indigenous Health Workers	394	9.4
Nurse Managers	4,668	13.8			

A more educated workforce

Legend: ■ 2020 ■ 2024

Category	2024 label
Nursing	13.0
Human Welfare Studies and Services	11.9
Medical Studies	17.2
Rehabilitation Therapies	13.8
Behavioural Science	17.5
Public Health	11.7
Dental Studies	11.9
Other Health	11.7
Pharmacy	12.7
Radiography	13.1
Complementary Therapies	11.2
Optical Science	11.8

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Change in qualification levels in Health by 2024

Bar chart showing change in qualification levels. Y-axis ranges from 0 to 125,000 with gridlines at 25,000 intervals.

- Postgraduate Degree: 21.5
- Graduate Diploma and Graduate Certificate: 12.0
- Bachelor Degree Level: 13.3
- Advanced Diploma and Associate Degree Level: 10.6
- Certificate Levels III & IV: 10.3
- Certificate Levels I & II: -25.5

Anticipating Future Skills

Pre-COVID-19 projected employment in Queensland: 2019-2024

The Anticipating Future Skills (AFS) Series combines economic modelling with scenarios to provide employment projections for regions, industries, occupations and qualifications.

While AFS Series projections for 2019-2024 were finalised **prior** to the emergence of COVID-19 and **do not** take into account the impacts of the pandemic, emerging employment trends still provide valuable insights into future skills and workforce opportunities for the Queensland economy.

Unlike other employment projections, the AFS Series provides detailed data for industries and occupations at both State and regional levels, based on Australian Bureau of Statistics classifications.

2019-2024 AFS Report

Download the report - Anticipating Future Skills Series: Pre-COVID-19 projected employment in Queensland, 2019-2024.

READ THE 2019-2024 REPORT (6MB) →

AFS Portal

Explore 2019-2024 employment projections at region, industry, occupation and qualification levels along with replacement demand data in an interactive dashboard.

ACCESS THE PORTAL →

AFS Data Explorer

For advanced data analysis, use the AFS Data Explorer to compose a customised set of projections unique to your region, industry and occupation preferences.

ACCESS THE DATA EXPLORER →

Data Portal

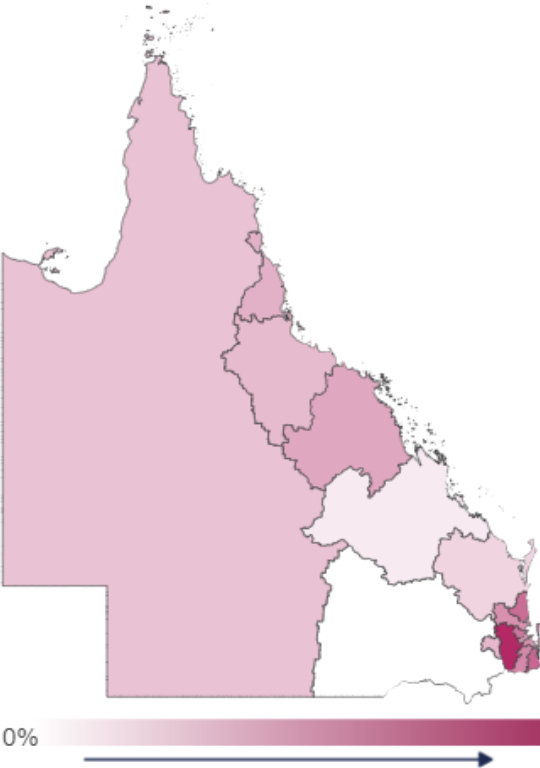## Overview - Anticipating Future Skills 2019 to 2024

Select from the headings above to explore further

Quick Tips ❓

Scenario

Baseline ⌄ ❓

Regional Employment Change ❓

Click or hover on a region for more information

Top Five Employment

Year 2024	Employment	Change	New Jobs	Replacement Demand
Queensland	2,728,883	9.4%	234,432	52,806

Regions

	Employment	Change	New Jobs
Brisbane	836,920	9.3%	71,423
Gold Coast	370,297	11.7%	38,651
Sunshine Coast	197,218	11.2%	19,933
Ipswich	178,197	14.8%	22,956
Logan - Beaudesert	160,362	9.8%	14,341

Occupations

	Employment	Change	New Jobs
Professionals	619,892	16.1%	85,845
Technicians and Trades Workers	389,229	6.5%	23,920
Clerical and Administrative Workers	370,053	6.5%	22,438
Community and Personal Service Workers	332,062	14.3%	41,650
Managers	304,986	8.0%	22,668

Industries

	Employment	Change	New Jobs
Health Care and Social Assistance	414,341	17.1%	60,651
Retail Trade	263,851	4.4%	11,105
Construction	249,705	5.0%	11,880
Education and Training	239,182	13.1%	27,701
Accommodation and Food Services	208,514	9.9%	18,715

Qualification Fields

	Employment	Change	New Jobs
Management and Commerce	439,312	15.7%	59,748
Engineering and Related Technologies	333,056	9.4%	28,644
Society and Culture	275,417	17.2%	40,465
Health	250,682	17.1%	36,539
Education	163,330	12.7%	18,453

0%

Overview   **Occupations**   **Industries**   **Regions**   **Qualification Levels**   **Qualification Fields**   **Replacement**

⟲ Clear all

Replacement Demand and Total Job Openings - Queensland

Projection Period: 2019 to 2024
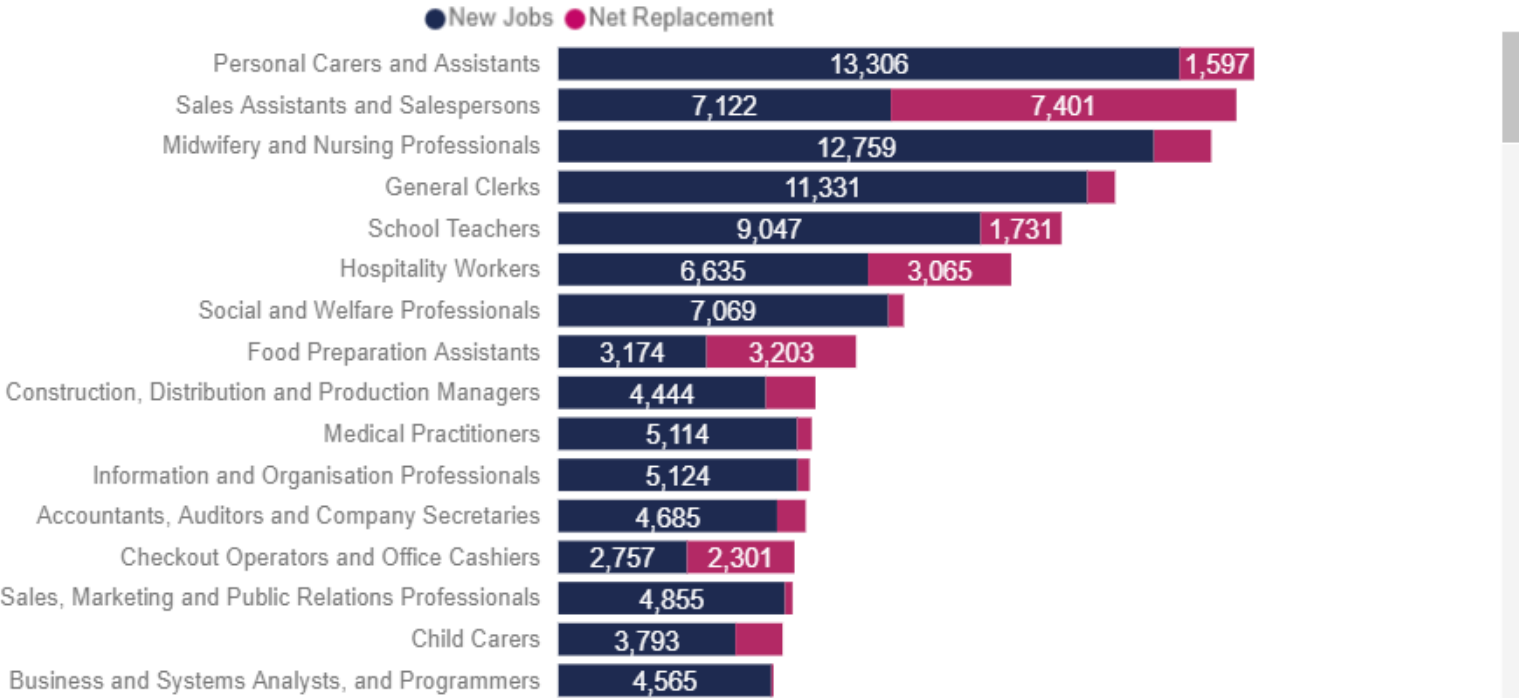
1 Select/Search parameters:

Occupation

All ⌄

Year
2024 ⌄

Scenario
Baseline ⌄   ❓

Selected Employment	2,728,883	**Selected Change**	9.4%	**Net Replacement**	52,806 ❓	**Selected Total Job Openings**	291,944 ❓
Qld Employment	2,728,883	**Qld Change from 2019**	9.4%	**Qld Net Replacement**	52,806	**Qld Total Job Openings**	291,944

Net Replacement

● New Jobs ● Net Replacement

Occupation	New Jobs	Net Replacement
Personal Carers and Assistants	13,306	1,597
Sales Assistants and Salespersons	7,122	7,401
Midwifery and Nursing Professionals	12,759	
General Clerks	11,331	
School Teachers	9,047	1,731
Hospitality Workers	6,635	3,065
Social and Welfare Professionals	7,069	
Food Preparation Assistants	3,174	3,203
Construction, Distribution and Production Managers	4,444	
Medical Practitioners	5,114	
Information and Organisation Professionals	5,124	
Accountants, Auditors and Company Secretaries	4,685	
Checkout Operators and Office Cashiers	2,757	2,301
Sales, Marketing and Public Relations Professionals	4,855	
Child Carers	3,793	
Business and Systems Analysts, and Programmers	4,565	

View Occupation Levels by:

| Major | Submajor | Minor | ❓ |

Total Job Openings

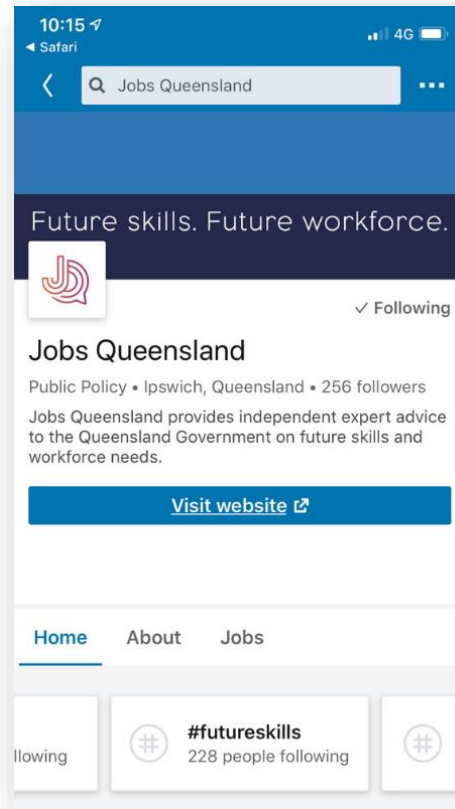| Occupation	Total
Personal Carers and Ass...	14,903
Sales Assistants and Sal...	14,523
Midwifery and Nursing Pr...	13,985
General Clerks	11,925
School Teachers	10,778
Hospitality Workers	9,699
Social and Welfare Profe...	7,399
Food Preparation Assist...	6,378
Construction, Distribution...	5,507
Medical Practitioners	5,427
Information and Organis...	5,382
Accountants, Auditors an...	5,299
Checkout Operators and ...	5,058
Sales, Marketing and Pu...	5,017
Child Carers	4,803
Business and Systems A...	4,609

Data Explorer

Staying connected

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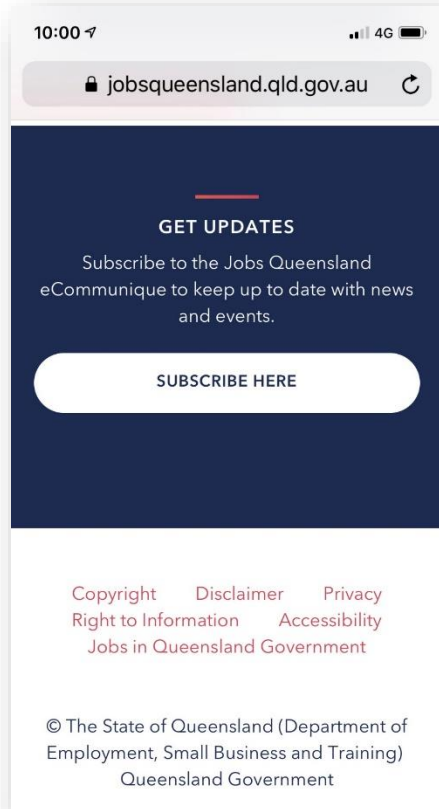
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